Rec'd PCT/PTO. 08 OCT 2004

Fig. 1

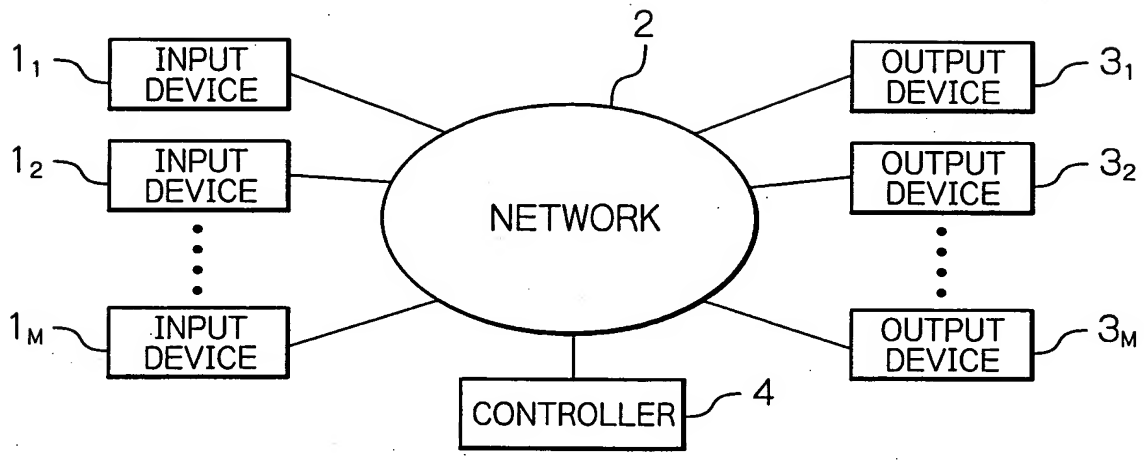

Fig. 2

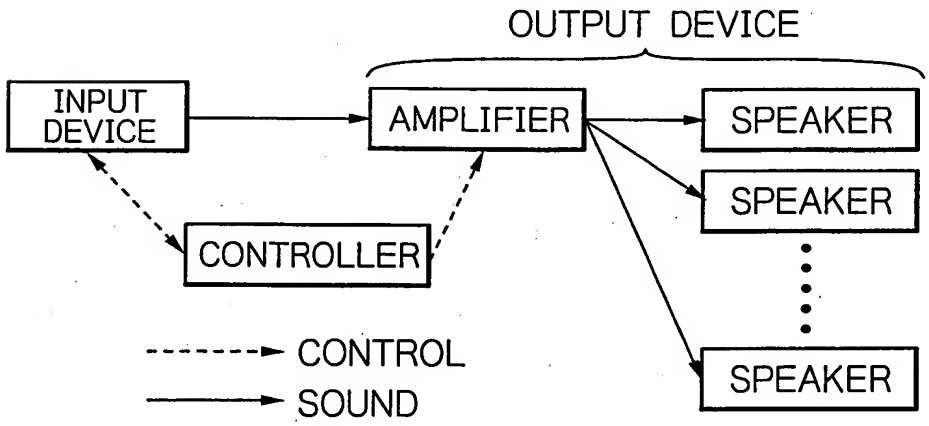

Fig. 3

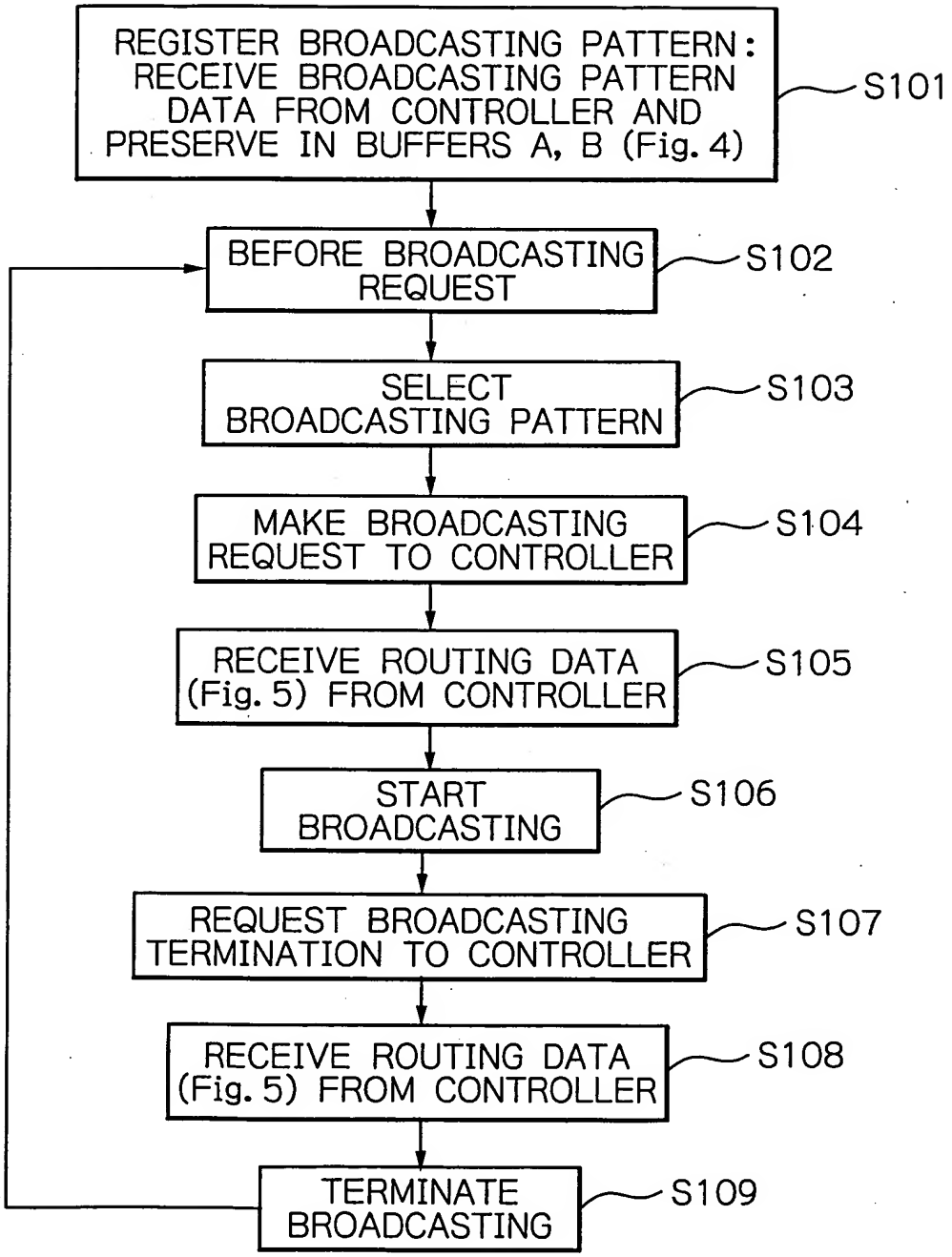
REGISTER BROADCASTING PATTERN: RECEIVE BROADCASTING PATTERN DATA FROM CONTROLLER AND PRESERVE IN BUFFERS A, B (Fig. 4)
S101
BEFORE BROADCASTING REQUEST
S102
SELECT BROADCASTING PATTERN
S103
MAKE BROADCASTING REQUEST TO CONTROLLER
S104
RECEIVE ROUTING DATA (Fig. 5) FROM CONTROLLER
S105
START BROADCASTING
S106
REQUEST BROADCASTING TERMINATION TO CONTROLLER
S107
RECEIVE ROUTING DATA (Fig. 5) FROM CONTROLLER
S108
TERMINATE BROADCASTING
S109

Fig. 4

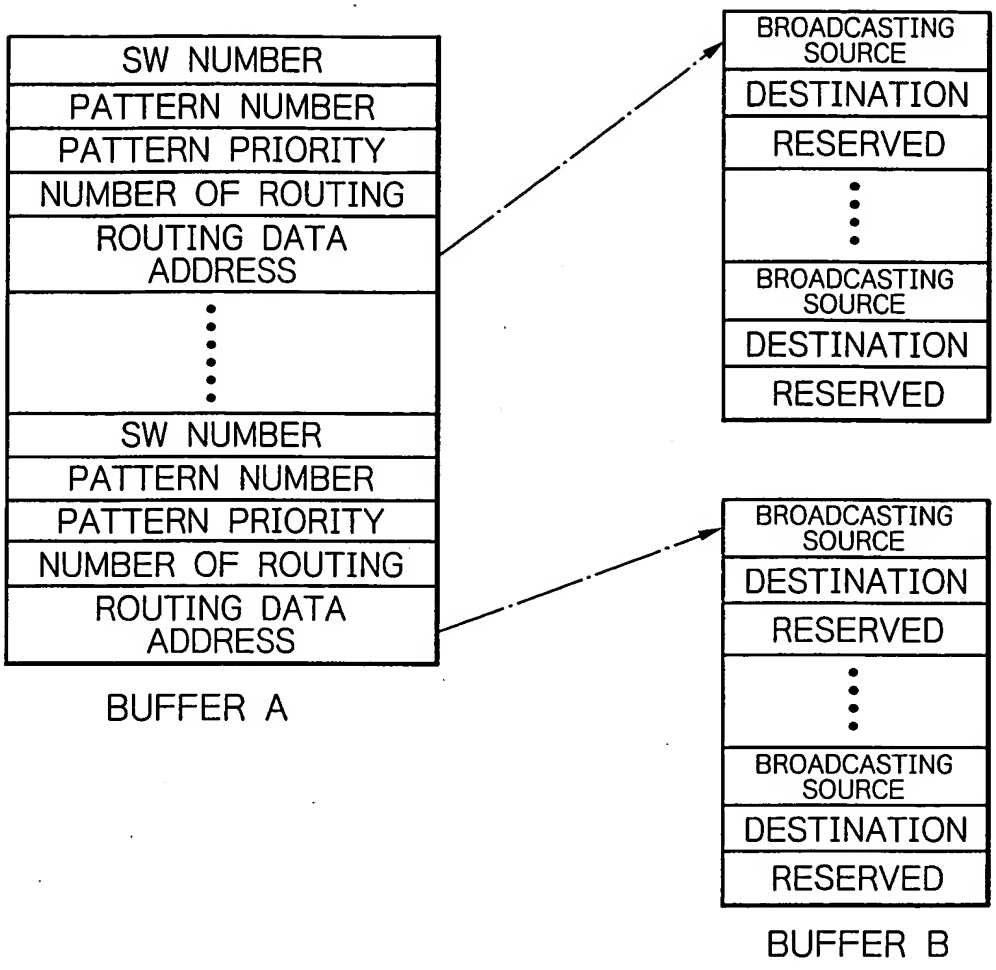
SW NUMBER
PATTERN NUMBER
PATTERN PRIORITY
NUMBER OF ROUTING
ROUTING DATA ADDRESS
SW NUMBER
PATTERN NUMBER
PATTERN PRIORITY
NUMBER OF ROUTING
ROUTING DATA ADDRESS
BUFFER A
BROADCASTING SOURCE
DESTINATION
RESERVED
BROADCASTING SOURCE
DESTINATION
RESERVED
BROADCASTING SOURCE
DESTINATION
RESERVED
BROADCASTING SOURCE
DESTINATION
RESERVED
BUFFER B

Fig. 5

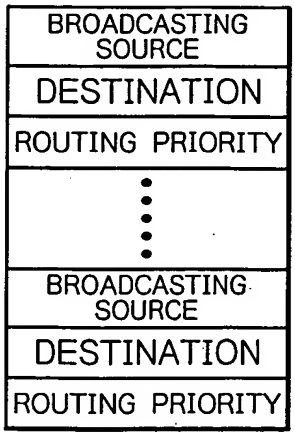
BROADCASTING SOURCE
DESTINATION
ROUTING PRIORITY
BROADCASTING SOURCE
DESTINATION
ROUTING PRIORITY

Fig. 6A

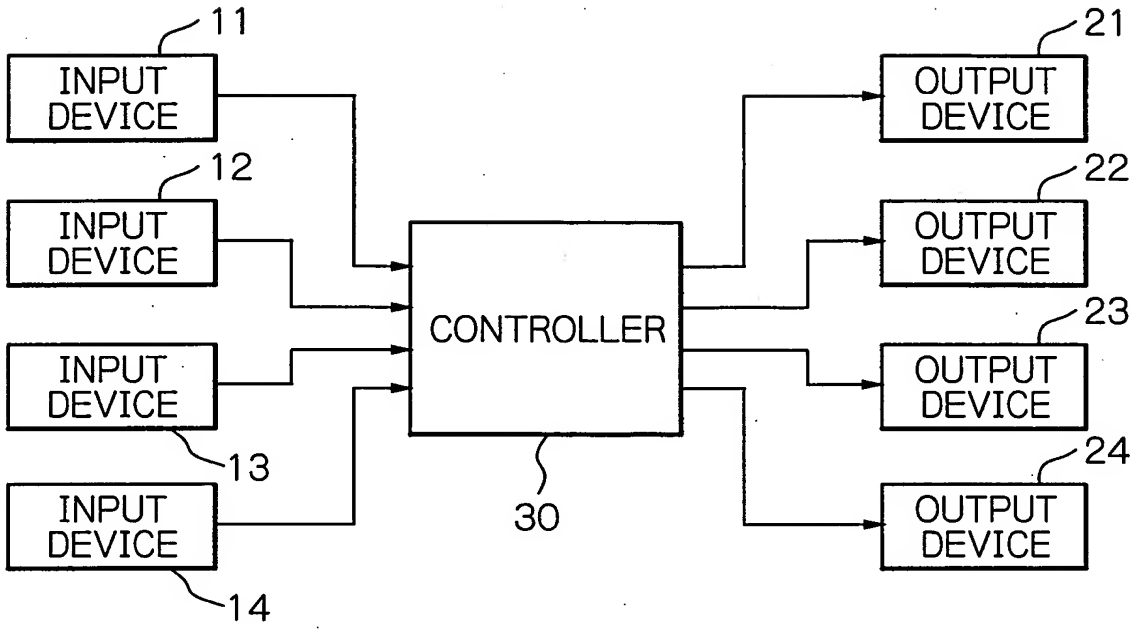

Fig. 6B

	OUTPUT 21	OUTPUT 22	OUTPUT 23	OUTPUT 24
INPUT 11	●	●		
INPUT 12				
INPUT 13			●	
INPUT 14				●
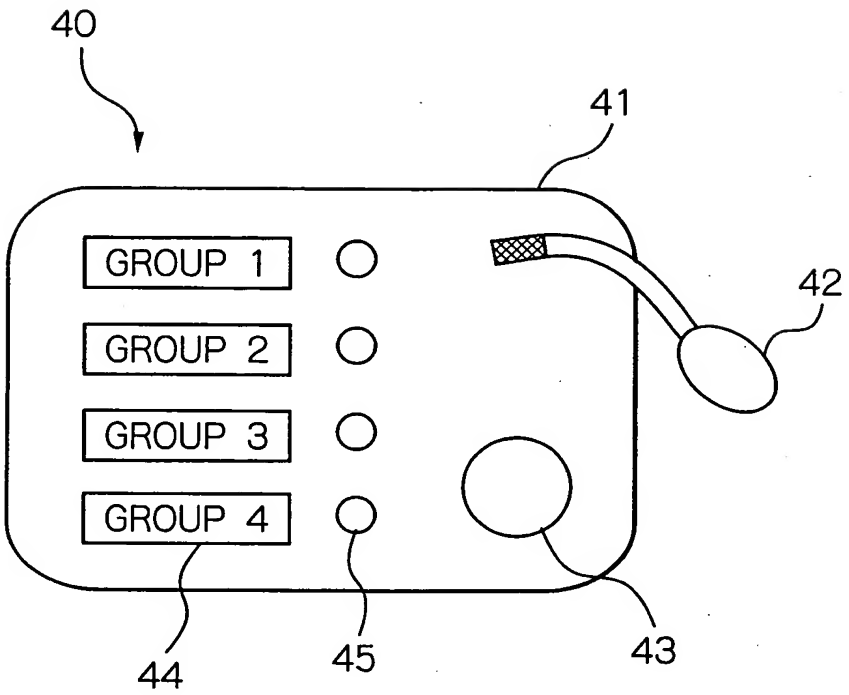
Fig. 7